

# Demonstration of the ESDIS Configuration Tracking System

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# Agenda

- Background
- Objectives of System
- Potential Users
- Operational Concept
- Definition of Terms
- Entry Page: Views, Database Entry/Search  
Related Links
- Part 1 ESDIS CTS Demo - J. Swope
- Part 2 ESDIS CTS Demo - S. Gasch

# Background

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  - Original concept was to develop a web page that would provide visibility into system configurations, system deliveries, discrepancy reports, and provide historical data.
  - Original concept expanded to develop one system that could be used by all of those responsible for tracking the physical configurations of EOSDIS.

# Objectives of System

- Provide Visibility of all interested parties to EOSDIS configurations
- Provide a project wide tracking system with a standard way to track all system configurations
- Provide a central location that will provide linkages to more detailed information

# Potential Users

- System Manager
- Integration and Test
- Mission Systems Configuration Control
- Science Systems Configuration Control

# Operational Concept

- Configuration control representatives will populate the system to ensure data is current and accurate.
- Users will be able to access the system through the world wide web.

# Definition of Terms

(See Draft Operational Concept)

- Component - this refers to separate and distinct parts of EOSDIS. For example: EDOS, ECS/FOS, ECS/SDPS, DAACs, ETS/HRS, etc..
- Subsystem - a further breakdown of the separate components. For example: the “Client” subsystem of “ECS/SDPS”.
- Configuration Item (CI) - each subsystem is broken down into subsystem configuration items. For example: “Desktop” CI of the “Client” subsystem of “ECS/SDPS”.

# ESDIS CTS Homepage Description

- Views
- Database Entry/Search
- Related Links



# ESDIS CTS DEMO - Part 1

- Operational Scenario #1

User wants to know what the current baseline status of the EOSDIS components are.

- Click on: “EOSDIS System Release Summary” Provides a view of all components (entered into the data base) and the operational baseline, test baseline, and information on future or “planned” releases.

# ESDIS CTS DEMO - Ops Scenario #1

## cont'd

- From this view a user can select any of the components listed to obtain more detailed information
  - Select “DAAC EDC “:
- From this view the user can obtain more information about the current delivery. The description should describe the capabilities, the DRs or NCRs resolved etc. If more details are wanted
  - Select “View COTS Details Or “View Custom Details”

## ESDIS CTS DEMO - Ops Scenario #1 cont'd.

- From this view the user sees all the COTS hardware located at the EDC DAAC.
- Select “All” or any particular Hardware Configuration Item to view the associated software.

# ESDIS CTS DEMO

- Operational Scenario #2
  - Select “System Release Summary Search”.  
The provides the user with the capability to perform a search of the system baselines as of a particular date.
- Operational Scenario #3
  - Search on CIs
  - Search on Delivery
- Operational Scenario #4
  - Enter CIs
  - Enter Delivery

QUESTIONS, SUGGESTIONS  
FOR IMPROVEMENT,  
NEXT STEPS